

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

Attorney Docket No. 5634/8	Serial No. 08/113,329
Applicant(s) John C. Harvey, James W. Cuddihy	
Filing Date August 30, 1993	Group 2615



**U. S. PATENT DOCUMENTS**

EXAMINER INITIAL	PATENT NUMBER	PATENT DATE	NAME	CLASS/ SUBCLASS	FILING DATE*
	2,573,349**	Oct. 30, 1951	Miller et al.	177/353	
	2,769,023**	Oct. 30, 1956	Loew et al.	178/5.1	
	2,788,387**	Apr. 9, 1957	Druz	178/5.1	
	2,864,885**	Dec. 16, 1958	Morris	178/5.1	
	2,866,962**	Dec. 30, 1958	Ellet	340/147	
	3,016,091**	Jan. 9, 1962	Daniele	162/391	
	3,071,642**	Jan. 1, 1963	Mountjoy et al.	178/5.1	
	3,213,201**	Oct. 19, 1965	Flood et al.	179/15	
	3,238,297**	Mar. 1, 1966	Pawley et al.	178/22	
	3,531,586**	Sept. 29, 1970	Bass et al.	178/6	
	3,536,833**	Oct. 27, 1970	Guanella	178/22	
	3,573,747**	Apr. 6, 1971	Adams et al.	340/172.5	
	3,609,697**	Sept. 28, 1971	Blevins et al.	340/172.5	
	3,657,699**	Apr. 18, 1972	Rocher et al.	340/146.1	
	3,659,046**	Apr. 25, 1972	Angeleri et al.	178/22	
	3,668,307**	June 6, 1972	Face et al.	178/5.6	
	3,684,823**	Aug. 15, 1972	McVoy	178/5.1	
	3,693,090**	Sept. 19, 1972	Gabriel	325/308	
	3,729,581**	Apr. 24, 1973	Anderson	178/6.8	
	3,731,197**	May 1, 1973	Clark	325/32	
	3,733,430**	May 15, 1973	Thompson et al.	178/5.1	
	3,736,369**	May 29, 1973	Vogelman et al.	178/5.1	
	3,749,845**	July 31, 1973	Fraser	179/15	
	3,773,977**	Nov. 20, 1973	Guanella	179/1.5	
	3,777,053**	Dec. 4, 1973	Wittig et al.	178/5.1	
	3,789,137**	Jan. 29, 1974	Newell	178/6.6	
	3,798,359**	Mar. 19, 1974	Feistel	178/22	

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**U. S. PATENT DOCUMENTS**

EXAMINER INITIAL	PATENT NUMBER	PATENT DATE	NAME	CLASS/ SUBCLASS	FILING DATE*
	3,798,610**	Mar. 19, 1974	Bliss et al.	340/172.5	
	3,803,491**	Apr. 9, 1974	Osborn	325/53	
	3,819,852**	June 25, 1974	Wolf	178/5.6	
	3,824,332**	July 16, 1974	Horowitz	178/5.1	
	3,824,467**	July 16, 1974	French	325/32	
	3,825,893**	July 23, 1974	Bossen et al.	340/146.1	
	3,833,757**	Sept. 3, 1974	Kirk, Jr. et al.	178/5.6	
	3,842,196**	Oct. 15, 1974	Louglin	358/12	
	3,845,391**	Oct. 29, 1974	Crosby	325/64	
	3,882,392**	May 6, 1975	Harney	325/53	
	3,885,089**	May 20, 1975	Callais et al.	178/5.1	
	3,886,302**	May 27, 1975	Kosco	178/5.1	
	3,890,461**	June 17, 1975	Vogelman et al.	178/5.1	
	3,891,792**	June 24, 1975	Kimura	178/5.8R	
	3,893,031**	July 1, 1975	Majeau et al.	325/32	
	3,894,176**	July 8, 1975	Mellon	178/5.1	
	3,899,633**	Aug. 12, 1975	Sorenson et al.	178/5.1	
	3,911,216**	Oct. 7, 1975	Bartek et al.	178/22	
	3,914,534**	Oct. 21, 1975	Forbes	178/5.1	
	3,916,091**	Oct. 28, 1975	Kirk, Jr. et al.	178/5.1	
	3,919,462**	Nov. 11, 1975	Hartung et al.	178/5.1	
	3,921,151**	Nov. 18, 1975	Guanella	340/172.5	
	3,934,079**	Jan. 20, 1976	Barnhart	178/5.1	
	3,936,593**	Feb. 3, 1976	Aaronson et al.	178/5.1	
	3,936,594**	Feb. 3, 1976	Schubin et al.	178/5.1	
	3,956,615**	May 11, 1976	Anderson et al.	235/61.7B	
	3,970,790**	July 20, 1976	Guanella	179/1.5S	



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EXAMINER INITIAL	PATENT NUMBER	PATENT DATE	NAME	CLASS/ SUBCLASS	FILING DATE*
<i>JD</i>	3,975,583**	Aug. 17, 1976	Meadows	175/5.6	
<i>JD</i>	3,987,398**	Oct. 19, 1976	Fung	325/309	
<i>JD</i>	3,997,718**	Dec. 14, 1976	Ricketts et al.	178/6.8	
<i>JD</i>	4,024,574**	May 17, 1977	Nieson	358/117	
<i>JD</i>	4,025,851**	May 24, 1977	Hazelwood et al.	325/31	
<i>JD</i>	4,025,947**	May 24, 1977	Michael	358/86	
<i>JD</i>	4,025,948**	May 24, 1977	Loshin	358/122	
<i>JD</i>	4,031,548**	June 21, 1977	Kato et al.	358/188	
<i>JD</i>	4,048,619**	Sept. 13, 1977	Forman, Jr. et al.	340/154	
<i>JD</i>	4,049,906**	Sept. 20, 1977	Hafner et al.	178/2C	
<i>JD</i>	4,058,830**	Nov. 15, 1977	Gulnet et al.	358/86	
<i>JD</i>	4,068,264**	Jan. 10, 1978	Pires	358/122	
<i>JD</i>	4,079,419**	Mar. 14, 1978	Siegle et al.	358/193	
<i>JD</i>	4,081,612**	Mar. 28, 1978	Hafner	179/15BA	
<i>JD</i>	4,081,753**	Mar. 28, 1978	Miller	325/396	
<i>JD</i>	4,081,831**	Mar. 28, 1978	Tang et al.	358/114	
<i>JD</i>	4,091,417**	May 23, 1978	Nieson	358/117	
<i>JD</i>	4,104,486**	Aug. 1, 1978	Martin et al.	179/2	
<i>JD</i>	4,112,464**	Sept. 5, 1978	Gulf et al.	358/122	
<i>JD</i>	4,115,662**	Sept. 19, 1978	Gulnet et al.	179/15BV	
<i>JD</i>	4,115,807**	Sept 19, 1978	Pires	358/122	
<i>JD</i>	4,120,030**	Oct. 10, 1978	Johnstine	364/200	
<i>JD</i>	4,130,833**	Dec. 19, 1978	Choenet	358/122	
<i>JD</i>	4,138,726**	Feb. 6, 1979	Girault et al.	364/521	
<i>JD</i>	4,160,120**	July 3, 1979	Barnes et al.	178/22	
<i>JD</i>	4,161,751**	July 17, 1979	Ost	358/114	
<i>JD</i>	4,163,254**	July 31, 1979	Block et al.	358/122	

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**U. S. PATENT DOCUMENTS**

EXAMINER INITIAL	PATENT NUMBER	PATENT DATE	NAME	CLASS/ SUBCLASS	FILING DATE*
BB	4,163,255**	July 31, 1979	Pires	358/122	
BB	4,168,396**	Sept. 18, 1979	Best	178/22	
BB	4,170,782**	Oct. 9, 1979	Miller	358/84	
BB	4,171,513**	Oct. 16, 1979	Otey et al.	325/32	
BB	4,172,213**	Oct. 23, 1979	Barnes et al.	178/22	
BB	4,186,413**	Jan. 29, 1980	Mortimer	358/146	
BB	4,196,310**	Apr. 1, 1980	Forman et al.	178/22	
BB	4,200,770**	Apr. 29, 1980	Hellman et al.	178/22	
BB	4,200,913**	Apr. 29, 1980	Kuhar et al.	364/900	
BB	4,215,366**	July 29, 1980	Davidson	358/124	
BB	4,215,370**	July 29, 1980	Kirk, Jr.	358/146	
BB	4,225,884**	Sept. 30, 1980	Block et al.	358/122	
BB	4,230,990**	Oct. 28, 1980	Lert, Jr et al.	455/67	
BB	4,232,193**	Nov. 4, 1980	Gerard	179/1.5R	
BB	4,236,217**	Nov. 25, 1980	Kennedy	364/483	
BB	4,245,245**	Jan. 13, 1981	Matsumoto et al.	358/122	
BB	4,247,106**	Jan. 27, 1981	Jeffers et al.	273/85G	
BB	4,250,524**	Feb. 10, 1981	Tomizawa	358/122	
BB	4,253,114**	Feb. 24, 1981	Tang et al.	358/114	
BB	4,253,157**	Feb. 24, 1981	Kirschner et al.	364/900	
BB	4,262,329**	Apr. 14, 1981	Bright et al.	364/200	
BB	4,264,925**	Apr. 28, 1981	Freeman et al.	358/86	
BB	4,266,243**	May 5, 1981	Shutterly	358/121	
BB	4,275,411**	June 23, 1981	Lippel	358/13	
BB	4,283,602**	Aug. 11, 1981	Adams et al.	179/1.5R	
BB	4,284,976**	Aug. 18, 1981	Gable et al.	340/147	
BB	4,287,592**	Sept. 1, 1981	Paulish et al.	370/88	

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EXAMINER INITIAL	PATENT NUMBER	PATENT DATE	NAME	CLASS/ SUBCLASS	FILING DATE*
<i>DB</i>	4,288,809**	Sept. 8, 1981	Yabe	358/12	
<i>DB</i>	4,290,141**	Sept. 15, 1981	Anderson et al.	455/2	
<i>DB</i>	4,292,650**	Sept. 29, 1981	Henderickson	358/173	
<i>DB</i>	4,295,223**	Oct. 13, 1981	Shutterly	455/72	
<i>DB</i>	4,302,771**	Nov. 24, 1981	Gargini	358/86	July 23, 1980
<i>DB</i>	4,304,990**	Dec. 8, 1981	Atalla	235/380	Feb. 4, 1980
<i>DB</i>	4,305,101**	Dec. 8, 1981	Yarbrough et al.	360/69	Apr. 16, 1979
<i>DB</i>	4,305,131**	Dec. 8, 1981	Best	364/521	Mar. 31, 1980
<i>DB</i>	4,306,289**	Dec. 15, 1981	Lumley	364/200	Feb. 4, 1980
<i>DB</i>	4,306,305**	Dec. 15, 1981	Doi et al.	371/38	Oct. 19, 1979
<i>DB</i>	4,307,446**	Dec. 22, 1981	Barton et al.	364/200	May 2, 1979
<i>DB</i>	4,310,854**	Jan. 12, 1982	Baer	358/143	Aug. 29, 1979
<i>DB</i>	4,312,016**	Jan. 19, 1982	Glaab et al.	358/188	Feb. 2, 1979
<i>DB</i>	4,313,132**	Jan. 26, 1982	Doles et al.	358/114	Oct. 31, 1979
<i>DB</i>	4,314,367**	Feb. 2, 1982	Bakka et al.	370/60	Jan. 17, 1980
<i>DB</i>	4,316,055**	Feb. 16, 1982	Feistel	178/22.06	Dec. 30, 1976
<i>DB</i>	4,316,245**	Feb. 16, 1982	Luu et al.	364/200	Dec. 7, 1978
<i>DB</i>	4,318,125**	Mar. 2, 1982	Shutterly	358/121	Apr. 25, 1979
<i>DB</i>	4,319,079**	Mar. 9, 1982	Best	178/22.09	Jan. 17, 1980
<i>DB</i>	4,322,745**	Mar. 30, 1982	Saeki et al.	358/123	Mar. 21, 1980
<i>DB</i>	4,323,921**	Apr. 6, 1982	Guillou	358/114	Jan. 23, 1980
<i>DB</i>	4,323,922**	Apr. 6, 1982	den Toonder et al.	358/117	Dec. 17, 1979
<i>DB</i>	4,325,078**	Apr. 13, 1982	Seatom et al.	358/117	Nov. 20, 1979
<i>DB</i>	4,329,684**	May 11, 1982	Monteath et al.	340/707	Jan. 15, 1980
<i>DB</i>	4,331,973**	May 25, 1982	Eskin et al.	358/84	Oct. 20, 1980
<i>DB</i>	4,331,974**	May 25, 1982	Cogswell et al.	358/86	Oct. 21, 1980
<i>DB</i>	4,332,980**	June 1, 1982	Reynolds et al.	179/2A	May 30, 1980



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<i>[initials]</i>	4,334,242**	June 8, 1982	Mangold	358/127	Jan. 14, 1980
<i>[initials]</i>	4,336,553**	June 22, 1982	den Toonder et al.	358/120	May 14, 1980
<i>[initials]</i>	4,336,559**	June 22, 1982	Koyama et al.	360/73	Nov. 9, 1978
<i>[initials]</i>	4,337,480**	June 29, 1982	Bourassin et al.	358/93	Feb. 8, 1990
<i>[initials]</i>	4,337,483**	June 29, 1982	Guillou	358/114	Jan. 31, 1980
<i>[initials]</i>	4,338,628**	July 6, 1982	Payne et al.	358/120	Dec. 19, 1979
<i>[initials]</i>	4,339,798**	July 13, 1982	Hedges et al.	364/412	Dec. 17, 1979
<i>[initials]</i>	4,340,903**	July 20, 1982	Tamura	358/10	Aug. 6, 1980
<i>[initials]</i>	4,347,498**	Aug. 31, 1982	Lee et al.	340/825.02	Nov. 21, 1979
<i>[initials]</i>	4,347,532**	Aug. 31, 1982	Korver	358/183	Oct. 14, 1980
<i>[initials]</i>	4,353,088**	Oct. 5, 1982	den Toonder et al.	358/120	May 14, 1980
<i>[initials]</i>	4,354,201**	Oct. 12, 1982	Sechet et al.	358/122	June 11, 1980
<i>[initials]</i>	4,361,877**	Nov. 30, 1982	Dyer et al.	364/900	Feb. 5, 1980
<i>[initials]</i>	4,364,081**	Dec. 14, 1982	Hashimoto et al.	358/13	Apr. 16, 1981
<i>[initials]</i>	4,365,110**	Dec. 21, 1982	Lee et al.	178/22.10	June 5, 1979
<i>[initials]</i>	4,375,579**	Mar. 1, 1983	Davida et al.	178/22.10	Jan. 30, 1980
<i>[initials]</i>	4,375,651**	Mar. 1, 1983	Templin et al.	358/191.1	July 27, 1981
<i>[initials]</i>	4,379,205**	Apr. 5, 1983	Wyner	178/22.10	June 22, 1979
<i>[initials]</i>	4,381,522**	Apr. 26, 1983	Lambert	358/86	Dec. 1, 1980
<i>[initials]</i>	4,388,643**	June 14, 1983	Aminetzah	358/123	Apr. 6, 1981
<i>[initials]</i>	4,389,671**	June 21, 1983	Posner et al.	358/124	Sept. 29, 1980
<i>[initials]</i>	4,390,898**	June 28, 1983	Bond et al.	358/119	Mar. 23, 1981
<i>[initials]</i>	4,390,901**	June 28, 1983	Keiser	358/147	Oct. 16, 1980
<i>[initials]</i>	4,394,691**	July 19, 1983	Amano et al.	358/194.1	July 30, 1981
<i>[initials]</i>	4,394,762**	July 19, 1983	Nabeshima	371/38	Jan. 6, 1981
<i>[initials]</i>	4,395,757**	July 26, 1983	Bienvenu et al.	364/200	Apr. 14, 1981
<i>[initials]</i>	4,398,216**	Aug. 9, 1983	Field et al.	358/121	Sept. 19, 1980

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<i>[initials]</i>	4,400,587**	Aug. 23, 1983	Taylor et al.	179/27D	Aug. 25, 1981
<i>[initials]</i>	4,404,589**	Sept. 13, 1983	Wright, Jr.	358/86	Oct. 21, 1980
<i>[initials]</i>	4,405,942**	Sept. 20, 1983	Block et al.	358/119	Mar. 3, 1982***
<i>[initials]</i>	4,410,917**	Oct. 18, 1983	Newdoll et al.	360/15	Sept. 14, 1981
<i>[initials]</i>	4,413,339**	Nov. 1, 1983	Riggle et al.	371/38	June 24, 1981
<i>[initials]</i>	4,424,532**	Jan. 3, 1984	den Toonder et al.	358/120	May 9, 1983***
<i>[initials]</i>	4,425,581**	Jan. 10, 1984	Scweppe et al.	358/148	Apr. 17, 1981
<i>[initials]</i>	4,433,207**	Feb. 21, 1984	Best	178/22.09	Sept. 10, 1981
<i>[initials]</i>	4,434,323**	Feb. 28, 1984	Levine et al.	178/22.17	June 29, 1981
<i>[initials]</i>	4,434,436**	Feb. 28, 1984	Kleykamp et al.	358/118	July 13, 1981
<i>[initials]</i>	4,434,464**	Feb. 28, 1984	Suzuki et al.	364/200	Mar. 31, 1981
<i>[initials]</i>	4,446,519**	May 1, 1984	Thomas	364/200	May 26, 1981
<i>[initials]</i>	4,467,139**	Aug. 21, 1984	Mollier	178/22.08	Mar. 12, 1981
<i>[initials]</i>	4,467,356**	Aug. 21, 1984	McCoy	358/146	Sept. 24, 1981
<i>[initials]</i>	4,471,163**	Sept. 11, 1984	Donald et al.	178/22.08	Oct. 5, 1981
<i>[initials]</i>	4,471,164**	Sept. 11, 1984	Henry	178/22.11	Oct. 13, 1981
<i>[initials]</i>	4,475,123**	Oct. 2, 1984	Dumbauld et al.	358/114	Apr. 2, 1981
<i>[initials]</i>	4,488,179**	Dec. 11, 1984	Krüger et al.	358/181	Sept. 23, 1981
<i>[initials]</i>	4,513,174**	Apr. 23, 1985	Herman	178/22.08	Mar. 19, 1981
<i>[initials]</i>	4,528,588**	July 9, 1985	Löfberg	358/122	Sept. 25, 1981
<i>[initials]</i>	4,528,589**	July 9, 1985	Block et al.	358/122	Feb. 1, 1984***
<i>[initials]</i>	4,536,791**	Aug. 20, 1985	Campbell et al.	358/122	Mar. 31, 1981
<i>[initials]</i>	4,593,353**	June 3, 1986	Pickholtz	364/200	Oct. 26, 1981
<i>[initials]</i>	4,598,288**	July 1, 1986	Yarbrough et al.	340/825.34	Dec. 20, 1983***
<i>[initials]</i>	4,689,661**	Aug. 25, 1987	Barbieri et al.	358/12	June 22, 1981

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<i>DS</i>	Re. 31,735**	Nov. 13, 1984	Davidson	358/124	July 26, 1982***

\* - If pertinent

\*\* - Indicates copy filed in prior application.

\*\*\* - Claims priority from parent application filed prior to Nov. 3, 1981

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EXAMINER INITIAL	DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY	CLASS/ SUBCLASS	TRANSLATION	
					YES	NO
<i>DS</i>	WO 81/02961	Oct. 15, 1981	PCT Application	H04N 7/16, 7/04	n/a	
<i>DS</i>	0 055 674	July 7, 1982	EPO		n/a	
<i>DS</i>	1 554 411	Oct. 17, 1979	Great Britain	H04b 3/54		X
<i>DS</i>	2 034 995	June 11, 1980	Great Britain	H03J 7/18, 5/00		X
<i>DS</i>	23 38 380	Feb. 13, 1975	Germany		abstract	X
<i>DS</i>	29 18 846	Nov. 13, 1980	Germany	F26B 12/02	X	
<i>DS</i>	56-47179	Apr. 28, 1981	Japan		X	

\* - Copies filed with prior application

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EXAMINER INITIAL	AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.
<i>DS</i>	James, A., "ORACLE - Broadcasting the Written Word," <u>Wireless Word</u> , July 1975.
<i>DS</i>	Came, E. Bryan, "The Wired Household," <u>IEEE Spectrum</u> , October 1979, p. 61-66.
<i>DS</i>	McKenzie, G.A., "ORACLE - An Information Broadcasting Service Using Data Transmission in the Vertical Interval," <u>Journal of the SMPTE</u> , vol. 83, Number 1, January 1974, pp. 6-10.
<i>DS</i>	Edwardson, S.M., "CEEFA: A Proposed New Broadcasting Service," <u>Journal of the SMPTE</u> , January 1974, p. 14-19.

\* - Copies filed with prior application

EXAMINER <i>DS</i>	DATE CONSIDERED <i>8/22/90</i>
EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	



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DD	2,511,085	13 Jun 1950	Smith	179/1	
DD	3,363,250	9 Jan 1968	Jacobson	343/225	
DD	3,569,937	9 Mar 1971	Hoetter	340/171	
DD	3,601,528	24 Aug 1971	McVoy	178/5.1	
DD	3,703,684	21 Nov 1972	McVoy	325/31	
DD	3,725,672	3 Apr 1973	Reuter	307/208	
DD	3,757,225	4 Sep 1973	Ukicki	325/308	
DD	3,790,700	5 Feb 1974	Callais et al.	178/5.1	
DD	3,806,814	23 Apr 1974	Forbes	325/309	
DD	3,835,387	10 Sep 1974	Rookes et al.	325/55	
DD	3,848,193	12 Nov 1974	Martin et al.	325/53	
DD	3,936,595	3 Feb 1976	Yanagimachi et al.	178/5.6	
DD	3,949,313	6 Apr 1976	Tamada et al.	329/106	
DD	3,978,449	31 Aug 1976	Sanders et al.	340/146.1	
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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>	Attorney Docket No. 05634/008	Serial No. 08/113,329
	Applicant(s) John C. Harvey, James W. Cuddihy	
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Examiner Initial	Patent Number	Patent Date	Name	Class / Subclass	Filing Date
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Examiner Initial	Document Number	Publication Date	Country	Class / Subclass	Translation	
					Yes	No

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	Applicant(s) John C. Harvey, James W. Cuddihy	
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	Applicant(s) John C. Harvey, James W. Cuddihy	
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**INFORMATION DISCLOSURE  
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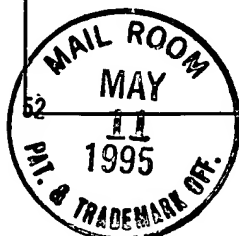
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Examiner Initial	Patent Number	Patent Date	Name	Class / Subclass	Filing Date*
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